

KAWAZOE et al.

Serial No.: 10/021,025

Amendment dated November 24, 2003

Reply to Office Action dated August 26, 2003

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application. By the present amendment, claims 1-4 and 6 are canceled without prejudice or disclaimer as to the subject matter contained therein. Claims 5, 7 and 8 are amended to depend from allowable claim 11.

**Listing of Claims:**

Claims 1-4. (*Canceled*)

Claim 5. (*Currently Amended*) A piezoelectric actuator as set forth in claim [[1]] 11, wherein the insulating member is adhered to the inner wall of the case.

Claim 6. (*Canceled*)

Claim 7. (*Currently Amended*) A piezoelectric actuator as set forth in claim [[1]] 11, wherein the maximum thickness of the insulating member is no more than 0.3 mm.

Claim 8. (*Currently Amended*) A piezoelectric actuator as set forth in claim [[1]] 11, wherein the piezoelectric actuator is incorporated in an injector and drives the injector.

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Claim 9. (*Previously Presented*) A piezoelectric actuator using a laminated piezoelectric device having alternately layered piezoelectric layers and electrode layers comprising:

a metal case provided on the outside of the side surface of the piezoelectric device; and  
an insulating member provided between the piezoelectric device and the case, said insulating member being made of a piece separate from the piezoelectric device, wherein said insulating member comprises a paper or resin sheet wound around the piezoelectric device.

Claim 10. (*Previously Presented*) A piezoelectric actuator as set forth in claim 9, wherein at least overlapped portions of the wound sheet are adhered to each other.

Claim 11. (*Previously Presented*) A piezoelectric actuator using a laminated piezoelectric device having alternately layered piezoelectric layers and electrode layers comprising:

a metal case provided on the outside of the side surface of the piezoelectric device; and

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an insulating member provided between the piezoelectric device and  
the case, said insulating member being made of a piece separate from the  
piezoelectric device;

wherein the piezoelectric device has a polygonal or barrel-shaped  
cross section perpendicular to its extending-and-contracting direction.